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(71) Applicants (for all designated States except US): **IMPERIAL COLLEGE INNOVATIONS LIMITED** [GB/GB]; Sherfield Building, Imperial College, London SW7 2AZ (GB). **KENTECH INSTRUMENTS LTD** [GB/GB]; Unit 9 Hall Farm Workshops, South Moreton, Oxfordshire OX11 9AG (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HARES, Jonathan, David** [GB/GB]; Iden House, Bakers Lane, Brightwell-Cum-Sotwell, Oxfordshire OX10 0PY (GB). **FRENCH, Paul, Michael, William** [GB/GB]; 14 Enbrook Street, London W10 4SF (GB).

(74) Agents: **ROBINSON, Nigel, Alexander, Julian et al.**; D Young & Co, 120 Holborn, London EC1N 2DY (GB).

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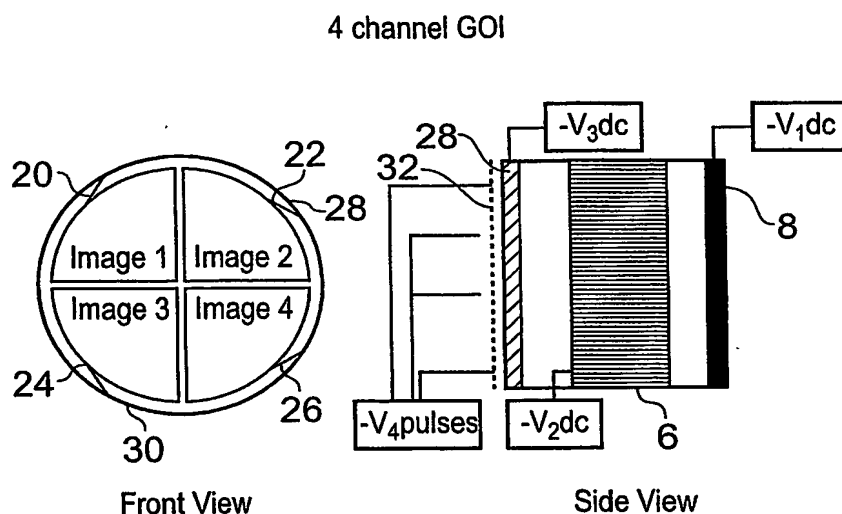
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(54) Title: GATED IMAGE INTENSIFIER



(57) Abstract: A gated optical image intensifier (10) is provided with multiple intensifying channels (20, 22, 24, 26) each supplied with radiation via a respective optical channel of an optical splitter. The separate intensifying channels are subject to gating by a sequence of time spaced gating signals generated by an electronic gating signal generator. The multi-channel gated optical image intensifier has particular utility in the field of fluorescence lifetime imaging.